

## Editorial

This special issue of the journal features selected papers corresponding to extended versions of communications presented at the Conference NUMELEC 2006.

The 5th European Conference on numerical methods in electromagnetism NUMELEC took place November 29, 30 and December 1, 2006, Lille, France. The aim of the Conference is to discuss recent developments and practical applications in the numerical computation of electromagnetic fields for engineers and physicists engaged in the design and analysis of electromagnetic devices.

Let us bring to mind that in the beginning this Conference aims to introduce a pathway between the researchers working into the fields of the low frequencies and the very high frequencies. During various editions of NUMELEC, one thus perceived bonds being woven between these two communities. The significant number of communications proposed at the Conference shows the interest of these two communities for the topics of this event. One can also note the international countenance of the Conference since more than 10 countries were represented.

The Conference featured oral and poster presentations. Invited speakers focused attention on future trends in areas of interest to the Conference. The scope of the Conference involved static fields, quasi-static fields, wave propagation, electromagnetic compatibility, optimization, material modelling, coupled problems, numerical techniques, software methodology, electric machines and drives, low and high frequencies devices and applications.

Francis Piriou  
President of the local committee  
of organization of NUMELEC' 06

Adel Razek  
Associated Editor  
EPJ AP

Article published by [EDP Sciences](http://www.edpsciences.org/epjap) and available at <http://www.edpsciences.org/epjap> or <http://dx.doi.org/10.1051/epjap:2007126>